

NIOX MINO[®]

For Airway Inflammation Control



Nitric oxide (NO) measurement with NIOX MINO offers personalized asthma management that can improve the treatment and care of patients. NIOX MINO is the most widely used device for measuring airway inflammation in clinical practice and clinical studies all over the world.

Quality assured NO values

NIOX MINO has built-in controls to give you an NO value you can rely on. Only measurement results from correctly performed procedures and under the correct conditions will be presented. The ATS/ERS recommendations¹ are followed, for example inhalation of NO filtered air will eliminate any influence from ambient NO.

Use as stand-alone or connected to a PC

NIOX MINO can be used as stand-alone or with extended functionality when connected to a PC. This includes a Visual Incentive during the procedure on a PC screen and NIOX MINO Data Management Program - allowing for secure documentation of patient data and ready for use with Electronic Medical Record systems.



Service and calibration free

NIOX MINO is pre-calibrated and designed to ensure a service and calibration free system.

Cleared by FDA (510k)

In addition to the CE mark, only Aerocrine have NO devices cleared by FDA (US) following their stringent criteria. An extensive number of clinical papers have been published where NIOX MINO has been used. For references see www.nioxmino.com.

Nasal NO Research application

Add-on application to determine the concentration of nitric oxide in gas aspirated from one nostril.

Would you like to learn more about NIOX MINO and NO measurements? For further information see www.aerocrine.com and www.nioxmino.com or contact your local Aerocrine representative.

1. ATS/ERS recommendations for standardized procedures for the online and offline measurement of exhaled lower respiratory nitric oxide and nasal nitric oxide, 2005. Am J Respir Crit Care Med. 2005 Apr 15;171(8):912-30.



NIOX[®]

CONTROLLING AIRWAY INFLAMMATION

NIOX MINO®

NIOX MINO instrument, Power Supply Unit,
NO Scrubber, USB Cable, QC Plug, User Manual and
Visual Incentive (software program for PC)

09-1000

Accessories

NIOX MINO Test Kit 100	1 NIOX MINO Sensor* for 100 tests and 100 NIOX Filters**	03-4000
NIOX MINO Test Kit 300	1 NIOX MINO Sensor* for 300 tests and 300 NIOX Filters**	03-4001
NIOX MINO Bag	Bag for transportation and storage of NIOX MINO when not in use	09-1020
NIOX MINO Data Management Program	For transfer of patient data and measurement values to a PC and EMR (Electronic Medical Record) systems	09-1026

NIOX MINO Nasal (Research application)

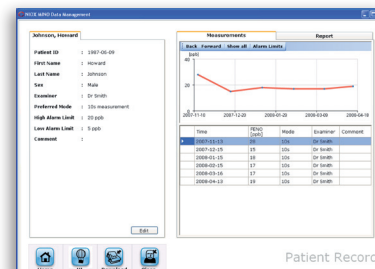
Refer to www.nioxmino.com (Ordering)

***NIOX MINO Sensor**

Pre-calibrated disposable sensor for 100 or 300 measurements.

****NIOX Filter**

Disposable filter to be changed for every patient. Bacterial and viral filter according to Medical Device Directive Class IIa.

**NIOX MINO Data Management Program****Technical Specifications****Operating and Measurement conditions**

Ambient temperature:	+16 to +30°C
Atmospheric pressure range:	700 to 1060 hPa
Humidity:	20 to 60% RH (non-condensing)
Ambient NO concentration:	< 300 ppb
Exhaled flow rate during measurement:	50 ml/s ± 10% BTPS (Body Temperature Pressure Saturated, 37°C, 1013 hPa, 100% RH)

Exhaled NO - Performance Data

Measurement range:	5 to 300 ppb
Lowest detection limit:	5 ppb
Exhalation time:	10 seconds, clinical use. 6 seconds, research use
Measurement time:	< 2 min
Accuracy:	± 5 ppb or max 10%

Nasal NO (Research application) - Performance Data

Measurement range:	5 to 1700 ppb
Lowest detection limit:	5 ppb
Sampling flow rates:	5 ml/s or 2 ml/s

Dimensions, weight and shelf-life

Height, Width, Depth:	230 mm, 128 mm, 96 mm
Weight including sensor:	0.8 kg
Shelf-life:	<i>Instrument:</i> Minimum 3 years at time of delivery or 3000 measurements, whichever comes first. <i>Sensor:</i> Maximum 12 months when installed in NIOX MINO or expiration date as stated on the sensor, whichever comes first.

Distributor:

Aerocrine



A NEW DIMENSION IN ASTHMA CARE

www.nioxmino.com www.aerocrine.com

Aerocrine AB, P.O. Box 1024, SE-171 21 Solna, Sweden

Phone: +46 8 629 07 80, Fax: +46 8 629 07 81, E-mail: info@aerocrine.com

NIOX MINO® is CE marked according to European In Vitro Diagnostic Device Directive 98/79/EEC and 510(k) cleared (K101034) by FDA.

NIOX MINO Nasal is for research use only.

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US Patent 5,447,165, US Patent 5,922,610, US Patent 6,038,913, US Patent 6,063,027, US Patent 6,099,480, US Patent 6,183,416, US Patent 6,511,425, US Patent 6,626,844, US Patent 6,723,056, US Patent 6,733,463, US Patent 6,761,185, US Patent 7,014,692, US Patent 7,270,638, US Patent D448,693, US Patent D457,231, US Patent D492,035, US Patent D496,667 and patents pending.

